

ORIGINAL



ARIZONA CORPORATION COMMISSION
UNION PACIFIC'S RESPONSES TO FIRST SET OF DATA REQUESTS
DOCKET NO. RR-03639A-12-0338
Martin Road in Sahuarita, AZ
August 31, 2012

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2012 SEP - 4 P 4: 34
ARIZONA CORPORATION COMMISSION
DOCKET CONTROL

CW 1.1 Provide Average Daily Traffic Counts ("ADT") for the location.

Response: *Union Pacific Railroad Company ("Union Pacific") must rely on information provided by others to provide ADTs. With that caveat, Union Pacific responds as follows:*

Crossing	ADT	Source
Martin Road	50	Traffic Count provided by FRA

Source: *FRA Crossing Data Sheet*

CW 1.2 Please describe the current Level of Service (LOS) at the intersection.

Response: *Union Pacific believes that the level of service analysis is concerned with mobility rather than safety. In addition, Union Pacific must rely on information provided by others to calculate the level of service. With those caveats, Union Pacific responds as follows:*

Crossing	LOS(AM/PM)
Martin Road	Level of Service A

Source: *Joel T. Harris, Civil Engineer, Town of Sahuarita- Public Works Department. 375 West Sahuarita Center Way, Sahuarita, AZ 85629 (520) 344-7100*

CW 1.3 Provide any traffic studies done by the road authorities for the area.

Response: *Union Pacific is not aware of any traffic studies for the area near Martin Road.*

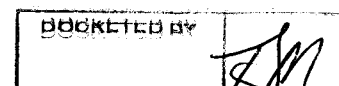
CW 1.4 Provide the population of the City the crossing is located in.

Response: *The 2010 US Census shows the following data for the population of the community located around the crossing:*

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<i>Crossing</i>	<i>Population (2010)</i>
<i>Martin Road</i>	<i>25,259</i>

Note: *The Town of Sahuarita population was used for Martin Road. Source: Sahuarita, Arizona Quick Facts, Town of Sahuarita Official Website, <http://www.ci.sahuarita.az.us/>*

CW 1.5 Provide what warning devices are currently installed at the crossing.

Response: *The current warning devices installed at the crossing include stop signs and crossbucks for each direction of travel.*

<i>Crossing</i>	<i>Warning Devices</i>
<i>Martin Road</i>	<i>Stop Signs and Crossbucks</i>

Source: *Alexander Popovichi, Manager of Industry and Public Projects, Union Pacific Railroad Company, c/o Beaugureau, Hancock, Stoll & Schwartz, P.C., 302 East Coronado Road, Phoenix, AZ 85004*

CW 1.6 Provide distances in miles to the next public crossing on either side of the proposed project location.

Response: *There are two at-grade public crossing within 1.5 miles of the Martin Road Crossing.*

<i>Crossing</i>	<i>TO THE SOUTH</i>	<i>TO THE NORTH</i>
<i>Martin Road</i>	<i>1.32 miles to Madera Highland Parkway (#748-402B)</i>	<i>0.82 miles to Quail Crossing Blvd. (DOT #748-117L)</i>

Source: *Joel T. Harris, Civil Engineer, Town of Sahuarita- Public Works Department. 375 West Sahuarita Center Way, Sahuarita, AZ 85629 (520) 344-7100*

CW 1.7 Please describe what the surrounding areas are zoned for near this intersection. (i.e., Are there going to be new housing developments, industrial parks, etc.)

Response: *West of the crossing is currently zoned as agricultural. There are two housing developments in the general area east of the crossing- Quail Crossing and Madera Highland. Both Quail Crossing and Madera Highland are accessible by at-grade crossings with active warning devices via Quail Crossing Boulevard and Madera Highland Parkway, which are located north and south of Martin Road.*

Source: 1.) Joel T. Harris, Civil Engineer, Town of Sahuarita- Public Works Department. 375 West Sahuarita Center Way, Sahuarita, AZ 85629 (520) 344-7100

2.) Town of Sahuarita Zoning, Town of Sahuarita Official Website, <http://www.ci.sahuarita.az.us/> attached hereto.

CW 1.8 Please supply the following: number of daily train movements through the crossing, speed of the trains, and the type of movements being made (i.e., thru freight or switching).

Response: *Union Pacific estimates that there are currently between 7 and 9 thru freight train crossings a day at Martin Road. The Martin Road crossing is occasionally utilized for switching operations.*

Source: Alexander Popovich, Manager of Industry and Public Projects, Union Pacific Railroad Company, c/o Beaugureau, Hancock, Stoll & Schwartz, P.C., 302 East Coronado Road, Phoenix, AZ 85004

CW 1.9 Please provide the names and locations of all schools (elementary, junior high, and high school) within the area of the crossing

Response: *Union Pacific is not aware of any schools in the immediate area of the crossing.*

Source: Joel T. Harris, Civil Engineer, Town of Sahuarita- Public Works Department. 375 West Sahuarita Center Way, Sahuarita, AZ 85629 (520) 344-7100

CW 1.10 Please provide school bus route information concerning the crossing including the number of time a day a school bus crosses the crossing.

Response: *Union Pacific is not aware of any school buses, which utilize this crossing. The residential neighborhoods located east of the crossing, Quail Creek and Madera Highland are directly accessible via Quail Crossing Boulevard and Madera Highland Parkway, which have improved crossings with active warning devices.*

Source: Joel T. Harris, Civil Engineer, Town of Sahuarita- Public Works Department. 375 West Sahuarita Center Way, Sahuarita, AZ 85629 (520) 344-7100

CW 1.11 Please provide information about any hospitals in the area and whether the crossing is used extensively by emergency service vehicles.

Response: *Union Pacific is not aware of any emergency vehicles that extensively utilize the crossing as it is only accessible via an unimproved dirt road. Also, there are two improved crossing with active warning devices in the immediate area, which would provide access for emergency vehicles to Quail Creek and Madera Highland subdivisions.*

Source: *Joel T. Harris, Civil Engineer, Town of Sahuarita- Public Works Department, 375 West Sahuarita Center Way, Sahuarita, AZ 85629 (520) 344-7100*

CW 1.12 Please provide total costs of the closure project, and who is funding it.

Response: *Union Pacific estimates that the cost of this project will be between \$30,000.00 and \$50,000.00. The project will be funded by Union Pacific.*

Source: *Alexander Popovich, Manager of Industry and Public Projects, Union Pacific Railroad Company, c/o Beaugureau, Hancock, Stoll & Schwartz, P.C., 302 East Coronado Road, Phoenix, AZ 85004*

CW 1.13 Provide any information as to whether vehicles carrying hazardous materials utilize this crossing and the number of times a day they might cross it.

Response: *Union Pacific has been unable to obtain any information responsive to this request. It is Union Pacific's understanding that any vehicle carrying hazardous materials may utilize public crossings unless otherwise posted, but Union Pacific knows of no way it can investigate or determine whether such vehicles use this crossings or with what frequency.*

CW 1.14 Please provide the posted vehicular speed for each roadway.

Response: *There are no posted speed limit signs on either approach to the Martin Road crossing. The roadway that approaches the crossing is an unimproved dirt road with estimated speeds under 30 mph.*

Source: *Joel T. Harris, Civil Engineer, Town of Sahuarita- Public Works Department, 375 West Sahuarita Center Way, Sahuarita, AZ 85629 (520) 344-7100*

CW 1.15 Do any buses (other than school buses) utilize this crossing, and how many times a day do they cross the crossing.

Response: *Union Pacific is not aware of any buses that utilize this crossing.*

Source: *Joel T. Harris, Civil Engineer, Town of Sahuarita- Public Works Department. 375 West Sahuarita Center Way, Sahuarita, AZ 85629 (520) 344-7100*

CW 1.16 Please explain in detail why this crossing should be closed.

Response: *Closing the Martin Road crossing will improve public safety in the area. The two subdivisions east of the crossing, Quail Creek and Madera Highland are each primarily accessible by improved paved crossings with active warning devices via Quail Crossing Boulevard and Madera Highland Parkway. Removing the Martin Road crossing, which is protected by a stop sign and crossbucks and only accessible via an unimproved dirt road, will increase public safety for the area residents by removing an unnecessary and infrequently used crossing.*

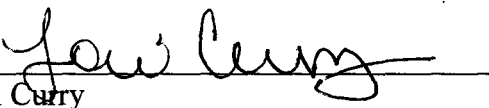
ORIGINAL AND THIRTEEN COPIES
of the foregoing filed this 31st day of
August, 2012, with:

Arizona Corporation Commission
1200 West Washington Street
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COPY of the foregoing hand-delivered and e-mailed
this 31st day of August, 2012, to:

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Lori Curry

Town of Sahuarita Zoning